

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 17554-WO-04	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, Item 5 below.	
International application No. PCT/IL2005/000358	International filing date (day/month/year) 30/03/2005	(Earliest) Priority Date (day/month/year) 30/03/2004
Applicant YISSUM RESEARCH DEVELOPMENT COMPANY . . .		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☒ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

**4. With regard to the title,**

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

BI-SPECIFIC ANTIBODIES FOR TARGETING CELLS INVOLVED IN ALLERGIC-TYPE REACTIONS,  
COMPOSITIONS AND USES THEREOF

**5. With regard to the abstract,**

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

**6. With regard to the drawings,**

- a. the figure of the **drawings** to be published with the abstract is Figure No. \_\_\_\_\_

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☒ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IL2005/000358

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/030835 A (SCHERING CORPORATION) 17 April 2003 (2003-04-17) page 3, columns 10-18 examples	1-41
A	BIASSONI R ET AL: "Human natural killer cell receptors: insights into their molecular function and structure" JOURNAL OF CELLULAR AND MOLECULAR MEDICINE, vol. 7, no. 4, October 2003 (2003-10), pages 376-387, XP002364094 ISSN: 1582-1838 page 381, right-hand column, last line - page 382, left-hand column, last line	1-41
A	CANTONI CLAUDIA ET AL: "Molecular and functional characterization of IRp60, a member of the immunoglobulin superfamily that functions as an inhibitory receptor in human NK cells" EUROPEAN JOURNAL OF IMMUNOLOGY, vol. 29, no. 10, October 1999 (1999-10), pages 3148-3159, XP002364095 ISSN: 0014-2980 cited in the application the whole document	1-41
T	BACHELET I ET AL: "IRp60 modulates an array of human mast cell functions" JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY, MOSBY - YEARLY BOOK, INC, US, vol. 115, no. 2, February 2005 (2005-02), page S206, XP004845981 ISSN: 0091-6749 abstract	1-41
T	BACHELET I. ET AL.: "THE INHIBITORY RECEPTOR IRP60 (CD300a) IS EXPRESSED AND FUNCTIONAL ON HUMAN MAST CELLS" J.OF IMMUNOLOGY, vol. 75, no. 12, December 2005 (2005-12), pages 7989-7995, XP002364096 the whole document	1-41
T	MUNITZ A. ET AL.: "THE INHIBITORY RECEPTOR IRP60 (CD300a) SUPPRESSES THE EFFECTS OF IL-5, GM-CSF AND EOTAXIN ON HUMAN PERIPHERAL BLOOD EOSINOPHILS" BLOOD, 'Online! XP002364097 DOI 10.1182/blood-2005-07-2926	1-41
	----- -/--	

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IL2005/000358

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
------------	--	-----------------------

T	<p>F.LEVI-SCHAFER ET AL.: "IGE ACTIVATION OF MAST CELLS: THE BEGINNING OF THE END OR THE END OF THE BEGINNING?"            LECTURE ABSTRACTS 1024, 'Online!            February 2005 (2005-02), XP002364099            Retrieved from the Internet:            URL:www.mastcells.org/lecture%20abstracts.htm&gt; 'retrieved on 2006-01-24!            abstract</p> <p>-----</p>	1-41
---	---	------

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IL2005/000358

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 36-41  
because they relate to subject matter not required to be searched by this Authority, namely:  
  
Although claims 36-41 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IL2005/000358

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03064662	A	07-08-2003	NONE	
WO 03030835	A	17-04-2003	CA 2462883 A1	17-04-2003
			EP 1439857 A2	28-07-2004
			MX PA04003291 A	23-07-2004